

## SEQUENCE LISTING

<110> Henkens, Robert W.  
 O'Daly, John P.  
 Wojciechowski, Marek W.  
 Zhang, Honghua W.  
 Naser, Najih W.  
 Roe, R. M.  
 Stewart, Thomas N.  
 Thompson, Deborah M.  
 Sundseth, Rebecca  
 Wegner, Steven E.

<120> ELECTROCHEMICAL DETECTION OF NUCLEIC ACID SEQUENCES

<130> 4320.001800

<140> 09/549,853

<141> 2000-04-14

<160> 40

<170> PatentIn version 3.1

<210> 1

<211> 35

<212> DNA

<213> Escherichia coli

<400> 1

tcaatgagca aaggtattaa cttactccc ttct

35

<210> 2

<211> 35

<212> DNA

<213> Escherichia coli

<400> 2

tgaaagtact ttacaacccg aaggccttct tcata

35

<210> 3

<211> 25

<212> DNA

<213> Escherichia coli

<400> 3

gtctcacggt tccgaaggc acatt

25

<210> 4

<211> 25

<212> DNA

<213> Escherichia coli

<400> 4

tctctgaaaa ctccgtgga tgtca

25

<210> 5

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> universal bacterial primer

<400> 5

agagttgat cctggctcag

20

<210> 6

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> universal bacterial primer

<400> 6

ggttaccttg ttacgactt

19

<210> 7

<211> 32

<212> DNA

<213> Escherichia coli

<220>

<221> misc\_feature  
 <222> (1)..(1)  
 <223> Bound by a fluorescein moiety.

<220>  
 <221> misc\_feature  
 <222> (2)..(2)  
 <223> Bound by a fluorescein moiety that is present between nucleotides  
 1 and 2.

<220>  
 <221> misc\_feature  
 <222> (31)..(31)  
 <223> Bound by a fluorescein moiety that is present between nucleotides  
 31 and 32.

<220>  
 <221> misc\_feature  
 <222> (32)..(32)  
 <223> Bound by one 5' and one 3' fluorescein moiety.

<400> 7  
 tggagttagc cgggtgcttct tctgcgggta at 32

<210> 8  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 8  
 ctctgagga gaagtctgc 19

<210> 9  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
 gaggactcct cttagacg 19

<210> 10  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 10  
ctcctgtgga gaagctgc 19

<210> 11  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 11  
gaggacacct cttcagacg 19

<210> 12  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 12  
ataacagatg ggctggaagt a 21

<210> 13  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 13  
ataacagatg ggctggaagt a 21

<210> 14  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 14  
gcggactccc agcacagaa 19

<210> 15  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 15  
gcggactccc agcacagaa 19

<210> 16  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 16  
tttctgaatg ctgctattta gtgt 24

<210> 17  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 17  
tttctgaatg ctgctattta gtgt 24

<210> 18  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 18  
catgaggatc actggccagt aagt 24

<210> 19  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 19  
catgaggatc actggccagt aagt 24

<210> 20  
 <211> 43  
 <212> DNA  
 <213> Homo sapiens

<400> 20  
 gataatacga ctactatag ggttttgag taccttgta tt 43

<210> 21  
 <211> 42  
 <212> DNA  
 <213> Homo sapiens

<400> 21  
 gatttagtg acactataga acgtttggt agttccctga tt 42

<210> 22  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

<400> 22  
 cctgaggtgt agacgccaac tctct 25

<210> 23  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 23  
 actttgcaca tctcatgggg ttat 24

<210> 24  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 24  
 ataacagatg ggctggaagt a 21

<210> 25  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 25  
gcggactccc agcacagaa 19

<210> 26  
<211> 30  
<212> DNA  
<213> Homo sapiens

<400> 26  
cattcttttc tctcacacag gggatcagca 30

<210> 27  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 27  
cattcttttc tctcacaca 19

<210> 28  
<211> 25  
<212> DNA  
<213> Homo sapiens

<400> 28  
cctgaggtgt agacgccaac tctct 25

<210> 29  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 29  
catctgttg agggcagggg agta 24

<210> 30  
<211> 29  
<212> DNA  
<213> Homo sapiens

<400> 30  
atctctagga ttctctgagc atggcagtt 29

<210> 31  
<211> 30  
<212> DNA  
<213> Homo sapiens

<400> 31  
acatcttcag tatctctagc atggcagttt 30

<210> 32  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 32  
ctctaggatt ctctgagcat 20

<210> 33  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 33  
cagtatctct agcatggcag 20

<210> 34  
<211> 16  
<212> DNA  
<213> Homo sapiens

<400> 34  
agactcccca tcatgt 16



<210> 35  
<211> 15  
<212> DNA  
<213> Homo sapiens

<400> 35  
agactcccat catgt 15

<210> 36  
<211> 24  
<212> DNA  
<213> Homo sapiens

<400> 36  
catgaggatc actggccagt aagt 24

<210> 37  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 37  
tcatgtgctg tgactgcttg 20

<210> 38  
<211> 15  
<212> DNA  
<213> Homo sapiens

<400> 38  
gactcccat catgt 15

<210> 39  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 39  
ataccttatt ccattctttt 20

<210> 40

<211> 30

<212> DNA

<213> Homo sapiens

<400> 40

atctctagga ttctctgagc atggcagttt

30